

20030203.qrp v02_n820.qrl.20030203

Date: Mon, 3 Feb 2003 19:03:11 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2820

QRP-L Digest 2820

Topics covered in this issue include:

- 1) [145642] A PERFECT USE FOR 11 METERS !
by Rick McKee <kc8aon@juno.com>
- 2) [145643] Re: [fpqrp] A PERFECT USE FOR 11 METERS !
by "brian" <brian@iquest.net>
- 3) [145644] Re: [145614] XROX
by Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
- 4) [145645] re: Icom 718 question
by Bill Stietenroth <k5zty@juno.com>
- 5) [145646] KD5ESI, KC5ZSU Columbia Silent Keys
by Robert Honan <robertus@harbornet.com>
- 6) [145647] Re: fox qso
by "George, W5YR" <w5yr@att.net>
- 7) [145648] FOX - log additions -
by Bruce Rattray <rattray@gpfn.sk.ca>
- 8) [145649] FOX: W0UFO FINAL LOG
by "Merton Nellis" <mertnellis@msn.com>
- 9) [145650] Re: Radio Shack Power Supply
by "John O. Newell" <jnewell@attbi.com>
- 10) [145651] 10m 15m 30m
by psschwarz@kellnet.com
- 11) [145652] Pesky Texan Armadillo Chase - update
by "N1LN" <n1ln@earthlink.net>
- 12) [145653] Re: NJQRP's QuickieLab Project
by "George Heron N2APB" <n2apb@erols.com>
- 13) [145654] SCHEDULED CONTACT
by hamjoel@juno.com
- 14) [145655] Re: fox qso
by Pete Burbank <plburbank@earthlink.net>
- 15) [145656] Re: Radio Shack Power Supply/Documentation
by MIKE SOUHRADA <wb9iog@revealed.net>
- 16) [145657] Re: Comparator Questions-Inquiring minds want to know
by Tim Groat <tcgroat@earthlink.net>
- 17) [145658] Dayton Hamvention Rooms
by Hank Kohl K8DD <k8dd@arrl.net>
- 18) [145659] Re: fox qso
by "George, W5YR" <w5yr@att.net>
- 19) [145660] Radio Shack Power Supply

- by Dick Ballard <ballardr@att.net>
- 20) [145661] Re: Radio Shack Power Supply/Documentation
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 21) [145662] re: Icom 718 question
by Bill ROWLETT <kc4atu@yahoo.com>
- 22) [145663] Spartan Sprint Tonight!
by "John Huffman" <hjohnc@core.com>
- 23) [145664] 70 Rainbow Tuners have shipped!
by David Porter <aa3ur@comcast.net>
- 24) [145665] Re: fox qso
by "Karl F. Larsen" <k5di@zianet.com>
- 25) [145666] Re: fox qso
by W2AGN <w2agn@w2agn.net>
- 26) [145667] Re: Gooney gray pudding reactance calculator
by "Upton, Shawn" <SUpton@ALLEGROMICRO.com>
- 27) [145668] 2M-PC antenna
by Alex <kr1st@amsat.org>
- 28) [145669] Radio Shack coupon? Where?
by brewerj@squared.com
- 29) [145670] Re: Icom 718 question
by "Mike Yetsko" <myetsko@insydesw.com>
- 30) [145671] Re: Icom 718 question
by "Rod N0RC" <rod@n0rc.us>
- 31) [145672] Re: Radio Shack coupon? Where?
by "Richard Brummer, K2JQ" <k2jq@rcn.com>
- 32) [145673] Re: A PERFECT USE FOR 11 METERS !
by "Mike Boatright" <ko4wx@mindspring.com>
- 33) [145674] Radio Shack Power Supply - Final
by "brian" <brian@iquest.net>
- 34) [145675] Re: Radio Shack coupon? Where?
by "Timothy-Allen Albertson-KG6IRH" <kg6irh@pacbell.net>
- 35) [145676] video
by "Mike Yetsko" <myetsko@insydesw.com>
- 36) [145677] shack cleaning
by "Larry" <w5wlb@gbronline.com>
- 37) [145678] Re: Radio Shack coupon? Where?
by KD5NWA <KD5NWA@cbayona.com>
- 38) [145679] Radio Shack Power Supply
by "John" <jdorson@worldshare.net>
- 39) [145680] Re: Radio Shack Power Supply
by "richqrp" <richqrp@cox.net>
- 40) [145681] Re: Icom 718 Question
by "Leigh Hawkes" <leighhawkes@ns.sympatico.ca>
- 41) [145682] Re: Icom 718 Question
by Alan <aadelma@yahoo.com>
- 42) [145683] Mixed Messages??? Re: Radio Shack Power Supply
by Paul Valko <w8kc@comcast.net>
- 43) [145684] FS: Elecraft K-1

by "res075cz" <res075cz@gte.net>
44) [145685] Dayton Hamvention Rooms.
by Hank Kohl K8DD <k8dd@arrl.net>
45) [145686] 817 SWR vs Outboard SWR Meter Weirdness
by Mark Schoonover <schoon@amgt.com>
46) [145687] Re: fox qso
by "Merton Nellis" <mertnellis@msn.com>
47) [145688] Re: Radio Shack Power Supply
by Ken Wagner <kewagner@ids.net>
48) [145689] RS P. Supply> Thanks! (Mission accomplished)
by brewerj@squared.com
49) [145690] Spectacular announcements about Atlanticon and Arkiecon coming
by "Doug Hendricks" <ki6ds@dph.dpol.net>
50) [145691] Re: 817 SWR vs Outboard SWR Meter Weirdness
by "George, W5YR" <w5yr@att.net>
51) [145692] Re: fox qso
by "George, W5YR" <w5yr@att.net>
52) [145693] Re: fox qso
by palmer_t <ThomasPalmer@colliergov.net>
53) [145694] [PIC] Using OTP chips
by "Brad Hernlem" <alihernlem@hotmail.com>
54) [145695] Re: fox qso
by Lloyd Lachow <llachow@yahoo.com>
55) [145696] Re: Mixed Messages??? Re: Radio Shack Power Supply
by "Mike Yetsko" <myetsko@insydesw.com>
56) [145697] Help With Severe BCB Interference
by Mark Schoonover <schoon@amgt.com>
57) [145698] Re: fox qso
by W2AGN <w2agn@w2agn.net>
58) [145699] Re: video
by Dave Fouchey <dafouchey@comcast.net>
59) [145700] Re: [PIC] Using OTP chips
by "Mike Yetsko" <myetsko@insydesw.com>
60) [145701] Re: 817 SWR vs Outboard SWR Meter Weirdness
by "Karl F. Larsen" <k5di@zianet.com>
61) [145702] Update and Final Call - EMRFD
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
62) [145703] SWR/Power meter recommendations
by "Tom" <kf4yyd@adelphia.net>
63) [145704] Re: Help With Severe BCB Interference
by "Howard Kraus" <K2UD@adelphia.net>
64) [145705] Re: fox qso
by "George, W5YR" <w5yr@att.net>
65) [145706] Re: fox qso
by "George, W5YR" <w5yr@att.net>
66) [145707] Re: Gooley gray pudding reactance calculator
by Mark Fields <mark_ke5my@juno.com>
67) [145708] Pomona Box Needed

by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>

Date: Sun, 2 Feb 2003 18:35:38 -0500
From: Rick McKee <kc8aon@juno.com>
To: fpqrp-l@mpna.com, qrp-l@Lehigh.EDU
Subject: [145642] A PERFECT USE FOR 11 METERS !
Message-ID: <20030202.183549.8934.0.kc8aon@juno.com>

That's right, I said "11 meters !" A friend gave me an old 11 meter mobile the other day because he thought I used CB's all the time. I tried to explain to him that it was not CB, but amateur radio, and he replied - "OK, you got one of them radios with upper - lowers in it don't you ?" Just couldn't seem to get him to understand. Anyway, I figure it would come in handy for a few spare parts, and then got to looking at the case. HMMMM ! Would make a very nice enclosure for a QRP rig ! I pulled all the guts out, including the channel selector switch (old 23 channel crystal rig), made a new front panel insert from sheet plastic. I left the meter in place, along with 2 DPDT slide switches, 2 LED's, and one 10K ohm pot with power switch. In place of the channel selector, I installed a 100K ohm pot and large knob for VFO control. I figured the meter would make a nice one for a relative reading FWD/REF power meter, one of the switches could be used to select the meter positions, and the other could be used to turn the meter lamp on and off with. The 2 LED's - well, whatever ? The 10K pot And switch is for gain control and power switch, On the back panel, there is of course an SO-239 antenna connector, and 2 1/8" phone plugs, and a power plug, and lots of room for much more ! The case is black vinyl coated steel, with a chrome trimmed front panel - very nice looking ! Now all I need to do is order that SW-20+ I've been wanting, a small keyer of some sort, and build the FWD/REF power bridge ! And, there may be room left inside for an internal battery pack too !

YEP, THERE IS A DECENT USE FOR 11 METERS AFTER
ALL !

AFTER IT'S BEEN RECYCLED THAT
IS !

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio
SW 40+, HW-8, Yaesu FT-7, Homebrew 6V6 tube TX & Surplus GRC 109 RX

Power is for punks ! QRP is for the confident !

QRP-L #2112, FPqrp #33, AR QRP #269

"A clear conscience is most likely the result of a poor memory"

Sign Up for Juno Platinum Internet Access Today
Only \$9.95 per month!
Visit www.juno.com

Date: Sun, 2 Feb 2003 18:46:39 -0500
From: "brian" <brian@iquest.net>
To: "Rick McKee" <kc8aon@juno.com>, <fpqrp-1@mpna.com>,
<qrp-1@Lehigh.EDU>
Subject: [145643] Re: [fpqrp] A PERFECT USE FOR 11 METERS !
Message-ID: <003301c2cb15\$55ba2710\$326a2bd1@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Rick,

Thank you very much for your contributions to the Bacon Bits the last two months. It is my duty to inform you that this kind of activity, as you have it outlined below, will necessitate another article, and pictures. Whenever you can!

73

----- Original Message -----
From: "Rick McKee" <kc8aon@juno.com>
To: <fpqrp-1@mpna.com>; <qrp-1@Lehigh.EDU>
Sent: Sunday, February 02, 2003 6:35 PM
Subject: [fpqrp] A PERFECT USE FOR 11 METERS !

> That's right, I said "11 meters !" A friend gave me an old 11 meter
> mobile the other day because he thought I used CB's all the time. I
> tried to explain to him that it was not CB, but amateur radio, and
he
> replied - "OK, you got one of them radios with upper - lowers in it
don't
> you ?" Just couldn't seem to get him to understand. Anyway, I
figure it
> would come in handy for a few spare parts, and then got to looking
at the
> case. HMMMM ! Would make a very nice enclosure for a QRP rig ! I
> pulled all the guts out, including the channel selector switch (old
23
> channel crystal rig), made a new front panel insert from sheet

plastic.

> I left the meter in place, along with 2 DPDT slide switches, 2
LED's, and
> one 10K ohm pot with power switch. In place of the channel
selector, I
> installed a 100K ohm pot and large knob for VFO control. I figured
the
> meter would make a nice one for a relative reading FWD/REF power
meter,
> one of the switches could be used to select the meter positions, and
the
> other could be used to turn the meter lamp on and off with. The 2
LED's
> - well, whatever ? The 10K pot And switch is for gain control and
power
> switch, On the back panel, there is of course an SO-239 antenna
> connector, and 2 1/8" phone plugs, and a power plug, and lots of
room for
> much more ! The case is black vinyl coated steel, with a chrome
trimmed
> front panel - very nice looking ! Now all I need to do is order
that
> SW-20+ I've been wanting, a small keyer of some sort, and build the
> FWD/REF power bridge ! And, there may be room left inside for an
> internal battery pack too !

>

> YEP, THERE IS A DECENT USE FOR 11 METERS

AFTER

> ALL !

>

>

AFTER IT'S BEEN RECYCLED

THAT

> IS !

>

> 72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio
> SW 40+, HW-8, Yaesu FT-7, Homebrew 6V6 tube TX & Surplus GRC 109 RX
> Power is for punks ! QRP is for the confident !
> QRP-L #2112, FPqrp #33, AR QRP #269
> "A clear conscience is most likely the result of a poor
memory"

>

>

>

> -----
> Sign Up for Juno Platinum Internet Access Today

> Only \$9.95 per month!

> Visit www.juno.com

> -To unsubscribe, mail to majordomo@fpqrp.com, msg: unsubscribe

fpqrp-1 -

>
>

Date: Sun, 2 Feb 2003 19:44:33 -0500 (EST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
To: dock0evz@earthlink.net
Cc: qrp-1@Lehigh.EDU, dock0evz@earthlink.net
Subject: [145644] Re: [145614] XR0X
Message-ID: <200302030044.h130iXW17693@panix1.panix.com>

File under CE0X- Yes, it's a separate DXCC entity.

73, doug

XR0X RTTY op.

Date: Sat, 1 Feb 2003 23:28:0 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>

Gang:

Wondering where to file XR0X? Their card says San Felix Island is about 1000 km west of the continental coast of Chile. Surely this was a separate/new DX entity. Anyone help? BTW, worked them with one watt to a GAP Titan DX!!

73,
--Doc/K0EVZ

?

Date: Sun, 2 Feb 2003 18:50:20 -0600
From: Bill Stietenroth <k5zty@juno.com>
To: qrp-1@lehigh.edu
Subject: [145645] re: Icom 718 question
Message-ID: <20030202.185021.-1963689.3.k5zty@juno.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The problem with the Icoms and the rest of the import radios is they were designed to be SSB radios that also do CW. We have been used to CW radios that are optimised for CW. I don't think you will find a Yaecomwood that is as good a CW radio as the Elecrafts which were designed as CW radios that also do SSB. I have 2 Yaesu's and neither one is a great CW radio. One doesn't even have a keyer and the other one has a keyer that I won't use because of the jerky timing. I use my Super CMOS III on it. What they call QSK is laughable by K2 standards.

Bill K5ZTY
Houston, TX

Date: Sun, 02 Feb 2003 17:03:32 -0800
From: Robert Honan <robertus@harbornet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [145646] KD5ESI, KC5ZSU Columbia Silent Keys
Message-ID: <3E3DBFE4.6A53B396@harbornet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

While I am sure we are saddened equally by the lost of the crew of the Shuttle Columbia, let us not forget that we also lost two of our own on that flight. Flight Engineer Dr. Kalpana Chawla, Ph.D (KD5ESI) and Mission Specialist Dr. Laurel Clark, MD (KC5ZSU) both held Technician Class Amateur Radio Licenses.

Requiescat in Pace, crew of STS-107

--
Robert J. Honan, W7EG

Date: Sun, 2 Feb 2003 19:18:12 -0600
From: "George, W5YR" <w5yr@att.net>
To: <jsakre@execpc.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [145647] Re: fox qso
Message-ID: <015501c2cb22\$24726ac0\$0201a8c0@fairviewtx.net>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Fellow Hounds, we are likely to have this problem crop up every now and then until the Foxii start sending the call of the Hound exchange that they are acknowledging. I know that it is extra work and takes a little time, but if I hear TU QRZ after I send my exchange, I only *think* that I am in the log. If instead I could hear TU W5YR QRZ, then I would know.

It took a couple of years for the Foxii to repeat the Hound's call at the end of the exchange to confirm who was being worked. I think that we all can see how much order that brought to the Hunts compared to earlier days.

Why don't we try the same approach to the acknowledgement and eliminate this "I said, he said" business?

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
In the 57th year and it just keeps getting better!
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
K2 #489 IC-765 #2349 IC-756 PRO #2121 IC-756 PRO2 #3235

----- Original Message -----
From: "Jim & Sarah Akre" <jsakre@execpc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, February 02, 2003 2:46 PM
Subject: fox qso

> TO: Mert Nellis-W0UFO. Hi Mert' could you check your scratch sheet
for
> 0345z-I thought we made a qso under difficult conditions Thursday
Jan
> 24' Z-time 0345z, my exchange was "de wa9tze 239 wi jim 5w k"
repeated
> twice. A local on 2m said he heard you answer "r qrz" .NJ9K the
other
> station was listing on a 40m 2 el beam at 70 ft.and i heard you over
his
> speaker also??? Well could you check?? If not we will catch you next
> time. Best 72/Jim Akre/WA9TZE.....
>

Date: Sun, 2 Feb 2003 19:51:41 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@LeHigh.EDU>
Subject: [145648] FOX - log additions -
Message-ID: <Pine.LNX.4.33.0302021948030.18715-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

two more additions in the W0UFO Hunt #25 final log have resulted in the Swamp Rats having a total score of 113 pints as of Hunt # 26 and the K1 K9s having a total score of 78 points as of Hunt # 26...thank you...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sun, 02 Feb 2003 20:26:38 -0600
From: "Merton Nellis" <mertnellis@msn.com>
To: qrp-l@lehigh.edu
Subject: [145649] FOX: W0UFO FINAL LOG
Message-ID: <F11kskqedC8mOLSSPwQ00000d7d@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I think this is it. Thanks to all.

FINAL Log of W0UFO FOX for 1-31-03 UTC

TIME	STATION	HIS	MINE	SPC	NAME	POWER
0201	K7TQ	559	559	ID	RANDY	5W
0201	N4ROA	559	559	VA	DAN	5W
0202	N4BP	559	559	FL	BOB	5W
0202	N3BJ	559	559	VA	ALAN	5W
0203	VE6EX	559	559	AB	DAN	5W
0204	K40AH	559	559	GA	GAREY	5W
0206	K6WJT	559	559	CA	MIKE	5W
0207	VE5RC	559	559	SK	BRUCE	5W
0208	VE6KG	559	559	AB	NORM	5W

0208	KD2JC	559	569	NJ	JOE	5W
0209	AA50	559	559	LA	VERN	5W
0210	KK5LD	559	559	TX	DAN	5W
0211	W2AGN	559	559	NJ	JOHN	3W
0212	K5EOA	559	559	LA	WAYNE	5W
0213	VE6JAZ	559	559	AB	ROB	5W
0214	W5USJ	559	559	TX	CHUCK	5W
0215	AE4Y	559	559	GA	KENT	5W
0216	K5AIC	559	559	MS	HERB	5W
0216	K5JHP	559	559	TX	BILL	5W
0217	K3ESE	559	559	MD	LLOYD	5W
0218	W2XN	559	559	FL	FRED	5W
0220	KI0II	559	559	CO	RON	5W
0221	W6ABC	559	559	PA	JACK	5W
0222	VA6RF	559	559	AB	EARL	5W
0223	KB3E0F	559	559	MD	SANDY	5W
0224	K5DW	559	559	TX	DON	5W
0224	N1TP	559	559	FL	TOM	5W
0225	W5YR	559	559	TX	GEORGE	5W
0226	AB5XQ	559	559	AR	BILL	5W
0227	K4BYF	559	559	FL	JACK	5W
0228	WA8NTA	559	559	CO	DICK	5W
0229	K5FSE	559	599	GA	JACK	5W
0230	K5SBR	559	559	TX	ED	75W
0231	N1FN	559	559	CO	ET	5W
0232	N2WW	559	559	CO	LARRY	5W
0233	WS4S	559	559	TN	CONARD	5W
0234	K5DI	559	559	NM	KARL	5W
0235	KK5NA	559	559	TX	JOE	5W
0237	KR5C	559	559	TX	GEORGE	5W
0237	K5JHP	559	559	TX	BILL	5W
0238	W3KC	559	579	MD	CHAS	5W
0239	N0RC	559	559	CO	ROD	5W
0240	K3PH	559	599	PA	BOB	5W
0240	WB4X	559	559	NC	BRENT	5W
0241	K4FB	559	559	FL	PAUL	5W
0242	KC2CK	559	599	NY	DON	5W
0243	AC7A	559	559	AZ	TOM	5W
0244	W8SFF	559	559	MI	STEVE	5W
0245	KR0U	559	559	CO	TIM	5W
0246	NQ7X	559	559	AZ	FLOYD	5W
0247	K3IU	559	559	RI	KEN	5W
0248	K5SR	559	559	TX	DALE	5W
0249	NN1F	559	559	NH	ARON	5W
0250	N5ZE	559	559	TX	LEW	5W
0251	K4GT	559	559	GA	JIM	5W
0252	KD5UWV	559	559	TX	NORTEX	5W
0255	N0UR	559	559	MN	JIM	5W

0255	AB9CA	559	559	AL	DAVE	5W
0257	KB7WW	559	559	OR	ART	5W
0258	W2RBA	559	569	NY	JOE	5W
0259	KG6CYN	559	559	CA	TREV	5W
0300	KG4LDY	559	559	VA	JIM	5W
0301	AC5JH	559	559	OK	TOM	5W
0303	W8YMO	559	559	OH	HARRY	5W
0304	KQ5U	559	559	TX	TERRY	5W
0305	KC9LC	559	559	VA	RANDY	5W
0306	KC1FB	559	559	CT	JIM	500MW
0307	NA8M	559	559	MI	JOHN	5W
0307	K5ZTY	559	559	TX	BILL	5W
0308	AD6JV	559	559	VA	BILL	5W
0309	W3DCG	559	569	GA	DARIN	5W
0310	KF2P	559	559	NY	NICK	2W
0311	K8CV	559	559	MI	WALT	5W
0313	W4YN	559	599	NC	TIM	5W
0314	NN5E	559	559	TX	VERN	5W
0317	K0PC	559	559	MN	PAT	5W
0318	W5TB	559	559	TX	DOC	5W
0319	K6VNX	559	559	CA	ARLEN	5W
0321	WB6BWZ	559	559	GA	MATT	5W
0323	WR50	559	559	TX	DAVE	5W
0325	VA6MJT	559	559	AB	MIKE	5W
0326	N5IB	559	559	LA	JIM	5W
0327	AJ4AY	559	559	AL	JAY	5W
0330	K0MAX	559	549	MN	MAX	1W
0331	W7KXB	559	599	AZ	BILL	5W
0332	N0AR	559	599	MN	SCOTT	5W
0333	K6MMC	559	559	CA	MIKE	5W
0335	N7CQR	559	559	OR	DAN	5W
0336	WW7Y	559	559	UT	STEVE	5W
0339	K5PSH	559	559	TX	JERRY	5W
0352	K5TR	559	559	TX	GEO	50MW
0359	NOTK	FOX				
0400	W0UFO	FOX				

 STOP MORE SPAM with the new MSN 8 and get 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Sun, 02 Feb 2003 21:37:31 -0500
From: "John O. Newell" <jnewell@attbi.com>
To: KD5NWA@cbayona.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [145650] Re: Radio Shack Power Supply
Message-ID: <3E3DD5EB.9ABBA6EA@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Does anyone have any experience using the Radio Shack 25 Amp power supply?
> They have a coupon for it right now.

I bought one and cannot find any noise on any band up into
1.2 GHz (kinda surprised about that, but thankful as well!).

72/73
John Newell
KB1FPM

Date: Mon, 03 Feb 2003 03:47:29 GMT
From: psschwarz@kellnet.com
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [145651] 10m 15m 30m
Message-ID: <20030203034729.20670.qmail@mail.kellnet.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi group. Looking forward to working some of you on 10m, 15m, and 30m. So far me vertical is resonant on these three bands. Just added a few radials today. 30m needs a little tweaking, but I can run "low power" on all three without worry. Listen for me generally in the evenings between 0300z and 0500z. I may attempt a little daytime action between 1700z and 1900z.

73...Patrick...KB8RTZ...

Date: Sun, 2 Feb 2003 21:57:23 -0600
From: "N1LN" <n1ln@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [145652] Pesky Texan Armadillo Chase - update
Message-ID: <050101c2cb38\$5df157a0\$9506fea9@im02>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The date is getting closer and the 20 Armadillos are getting lined up.

Their calls and names are posted at: <http://www.w5nc.org/ptac/default.htm>

If for some reason one or two change - I will update the link.

Also - note the rule change to try to make the event fair for "both coasts"

The winning Chaser is now based on the "shortest elapsed time from the time of his/her first QSO with an Armadillo until a sweep occurs". That should help even out the differences in sunset time for our Left Coast participants.

Don't forget the date and time:

Date/Time: Central Time: 20:00 - 22:00 Wednesday Night - March 12
UTC Time: 02:00 - 04:00 Thursday morning - March 13
Frequency: 7.025 - 7.070 (approx)
Mode: CW
Power: QRP (5w or less)
Exchange: <call><RST><State><Name><Power>

72 for now - - hope to work you.

Bruce - N1LN (K5PTC - BOB for the event.)

Date: Sun, 2 Feb 2003 23:48:09 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "EPA-QRP" <EPA-QRP@yahooogroups.com>,
"NoVAQRP" <NoVaQRP@topica.com>, "NJQRP" <njqrp@njqrp.org>,
Subject: [145653] Re: NJQRP's QuickieLab Project
Message-ID: <00c101c2cb3f\$91f92e40\$3ac93ad0@GHLTP4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Lee's experience (below) with the NJQRP QuickieLab project is typical of a

number of reports received this week. It's an easy pcb to assemble and the ham radio things you'll be able to do with it are very cool and never before provided.

There's no need for programming anything if you don't want to, as the BASIC programs can be downloaded from the project web pages (<http://www.njqrp.org/quickielab>) and loaded directly into the QuickieLab. Already there are some of N2CX's "QuickieLab Application Notes" published as complete little QRP-related experiments that you can run (Morse keyer, VXO Mate, Morse-annunciating Voltmeter). And we'll soon have the DDS Daughtercard available, which plugs right into the QuickieLab and you'll have a VFO, programmable signal generator, whatever!

I've just placed a bunch of new Construction Notes up on the website to help homebrewers build up their QuickieLab (including a couple of pcb mods) ... so please check out this page if you already have a QuickieLab!

73, George N2APB
n2apb@amsat.org

PS: Thanks to the helpful eyes of the initial builders: KM4YY, W8K0X, NJ8B and AD0V !

=====

On Fri Jan 31 2003 Lee Mairs, KM4YY wrote ...

Last night I finally got my Quickie Lab project running. What a neat toy, and what an incredible time sink now that it is working. George Heron has a monitor and QL testing program that you can download from the www.njqrp.org site. I was up until 0300 playing with this thing, changing parts of the Monitor Program with the PBasic development suite that I got from www.Paralax.com. It takes me back almost 30 years to night after night trying to debug my 8008 and later Z80 computers. I was up again at 0700 playing again.

The board is a thing of beauty solder masked and screen labeled. I heartily recommend this project for all - especially those who want to learn about these tiny little computers. Much fun. I give it 9.8 out of 10! The only thing more fun in recent years is Jim Kortge's 2N2-40 project.

73 de Lee
km4yy

Date: Mon, 3 Feb 2003 05:18:05 GMT
From: hamjoel@juno.com

To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU
Subject: [145654] SCHEDULED CONTACT
Message-ID: <20030202.211841.10255.1021825@webmail3.wlv.untld.com>

SOMEONE WAS SUPPOSED TO SEND
ME A TIME AND FREQ AND DATE
TO MEET THEM QRP...
i HAVE NOT HEARD ANY RESPONSE?
PSE SEND E=MAIL

KE1LA JOEL
IN MAINE

KE1LA JOEL
IN MAINE
FREEZIN

Sign Up for Juno Platinum Internet Access Today
Only \$9.95 per month!
Visit www.juno.com

Date: Mon, 03 Feb 2003 00:23:35 -0500
From: Pete Burbank <plburbank@earthlink.net>
To: w5yr@att.net,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [145655] Re: fox qso
Message-ID: <5.2.0.9.0.20030203001413.00a1e240@Earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gosh George,
You always make such good sense.....:-) :-)
The first few seconds are genuine mayhem.
Tnx es 73
Pete
NV4V Ky :-)

At 08:18 PM 2/2/2003, George, W5YR wrote:
>Fellow Hounds, we are likely to have this problem crop up every now
>and then until the Foxii start sending the call of the Hound exchange
>that they are acknowledging. I know that it is extra work and takes a
>little time, but if I hear TU QRZ after I send my exchange, I only

>*think* that I am in the log. If instead I could hear TU W5YR QRZ,
>then I would know.
>
>It took a couple of years for the Foxii to repeat the Hound's call at
>the end of the exchange to confirm who was being worked. I think that
>we all can see how much order that brought to the Hunts compared to
>earlier days.
>
>Why don't we try the same approach to the acknowledgement and
>eliminate this "I said, he said" business?
>
>73/72, George
>Amateur Radio W5YR - the Yellow Rose of Texas
>In the 57th year and it just keeps getting better!
>Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
>K2 #489 IC-765 #2349 IC-756 PRO #2121 IC-756 PRO2 #3235

Date: Sun, 02 Feb 2003 23:40:51 -0600
From: MIKE SOUHRADA <wb9iog@revealed.net>
To: jnewell@attbi.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [145656] Re: Radio Shack Power Supply/Documentation
Message-ID: <3E3E00E3.2050702@revealed.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

FYI

I got one put aside after the first post then picked it up the next day.
One thing bothers me - manual has no schematic! There is a parts list on
the web site but nothing more.

I sent e mail to R/S and got this:
service manual 22-510 12342473 \$6.29 has the schematic.
Order center Tele
1-800-843-7422 option 2.

I plan to get one "just in case".
Thought there might be others that would want one.
Mike
Iowa

Date: Sun, 02 Feb 2003 22:42:05 -0700
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [145657] Re: Comparator Questions-Inquiring minds want to know
Message-ID: <5.1.1.6.2.20030202132558.00a086b0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>"Henry Freedenberg" <henryf@quartz.gly.fsu.edu>:

>

>I am trying to rig up an audible warning to announce when the coolant temp
>in

>the van goes out of spec. I thinking about using either a 339 or 393
>comparator. The spec sheet talks about the chip being able to handle a rather
>high voltage (32V I believe). I am unclear as to whether this refers to
>the Vcc or the op-amp input voltages.

It's both. The device will ****survive**** up to 36V from the Gnd pin to either input and from Gnd to Vcc. But for proper operation, the inputs must be at least 1.5V below Vcc, at room temperature. In an automotive environment stay at least 2.0V below Vcc so the device will behave properly at extreme temperatures. It doesn't hurt the part if the inputs are more positive than that (up to the 36V limit), it just won't produce the outputs you expected.

>Can I place 12 V at the inputs of the op-amp?

Not when you're running it from a 12V supply. The inputs are PNP Darlingtontons in a differential pair, with a current source on the emitter side. All told, the input (base) voltage needs to be at least two Vbe drops plus one Vce(sat) drop more negative than the Vcc supply, or else the device will not behave as you expect it to.

>How about current limiting...it the op-amp input impedance sufficiently
>high so that I won't need a current limiting resistor.

You don't need a resistor to make it work, but they will provide some protection from input transients and RFI. The input bias and offset currents get fairly large at extreme temperatures, so accuracy will suffer if the resistors get too big.

>Can I use the output line to directly switch an audio device or do I need
>to use the output to switch something like a 3904?

LM339/LM393 devices work well up to 4mA load current. They can survive higher currents (16mA) but the saturation voltage increases, especially at extreme temperatures. I use an external transistor for loads above 4mA.

If at all possible, upgrade to LM239/LM293 devices for automotive applications. They are guaranteed to work over a wider temperature range: -25C to +85C, compared to 0C to +70C for the commercial grade 339/393 parts. The cheaper ones probably will function, but there's no guarantee. The MC3302 also is suited for automotive temperatures, but it offers somewhat worse electrical parameters (V_{os} , I_b , I_{os} , and maximum voltages) in exchange for the broad temperature range. Granted, extreme cold isn't a problem for you in Gainesville (fsu.edu territory)--but the summer heat will be!

72,
--Tim (KR0U)

Date: Mon, 03 Feb 2003 01:02:04 -0500
From: Hank Kohl K8DD <k8dd@arrl.net>
To: qrp-l@lehigh.edu
Subject: [145658] Dayton Hamvention Rooms
Message-ID: <5.1.0.14.2.20030203010017.06b04318@mail.arenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Dayton Hamvention Rooms
www.qsl.net/k8dd/rooms/ramada1.htm was updated tonight/this morning

Date: Mon, 3 Feb 2003 00:04:16 -0600
From: "George, W5YR" <w5yr@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,
"Pete Burbank" <plburbank@Earthlink.net>
Subject: [145659] Re: fox qso
Message-ID: <016801c2cb4a\$1633b0e0\$0201a8c0@fairviewtx.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks, Pete - at least two of us think this way! <:}

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

In the 57th year and it just keeps getting better!

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

K2 #489 IC-765 #2349 IC-756 PRO #2121 IC-756 PRO2 #3235

----- Original Message -----

From: "Pete Burbank" <plburbank@Earthlink.net>

To: <w5yr@att.net>; "Low Power Amateur Radio Discussion"
<qrp-l@Lehigh.EDU>

Sent: Sunday, February 02, 2003 11:23 PM

Subject: Re: fox qso

> Gosh George,

> You always make such good sense.....:-) :-)

> The first few seconds are genuine mayhem.

> Tnx es 73

> Pete

> NV4V Ky :-)

Date: Sun, 02 Feb 2003 23:29:02 -0800

From: Dick Ballard <ballardr@att.net>

To: qrp-l@lehigh.edu

Subject: [145660] Radio Shack Power Supply

Message-ID: <vb6s3v0kctr gc6bksrjba7baiju0lrt48l@4ax.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: quoted-printable

Got one. Using it for IC207H 2m/70cm base station. No noise problem in that mode (FM), but don't know about noise on HF (no HF gear right now).

Dick Ballard

Beaverton OR

W7AND

On Thu, 30 Jan 2003 18:19:41 -0600, you wrote:

>Does anyone have any experience using the Radio Shack 25 Amp power =

supply?=20
>They have a coupon for it right now.
>
>Catalog Number:22-510
>Regular Price:119.99 - With Coupon: 59.99
>
><<http://www.radioshack.com/Coupons/Coupons.asp>>
>
>Offer good until 02/01/03

Date: Mon, 3 Feb 2003 05:53:01 -0500 (EST)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: MIKE SOUHRADA <wb9iog@revealed.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [145661] Re: Radio Shack Power Supply/Documentation
Message-ID: <20030203055215.U22467-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 2 Feb 2003, MIKE SOUHRADA wrote:

> I sent e mail to R/S and got this:
> service manual 22-510 12342473 \$6.29 has the schematic.
> Order center Tele
> 1-800-843-7422 option 2.

If someone can scan it, I'll put it up on the QRP Web Ring page.

Thom

baltimoremd@baltimoremd.com	Thom LaCosta K3HRN Webmaster
http://www.baltimoremd.com/	Baltimore's Home Page
http://www.baltimorehon.com/	Home of the Baltimore Lexicon
http://www.zerobeat.net	Home of The QRP Web Ring and DrakeList
http://www.tlchost.net	Web Hosting as low as \$3.49/month

Date: Mon, 3 Feb 2003 03:41:51 -0800 (PST)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: k5zty@juno.com,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [145662] re: Icom 718 question
Message-ID: <20030203114151.81978.qmail@web14208.mail.yahoo.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Let us not forget the American company which makes CW
radios which also do a good job on SSB. TEN-TEC

73, Bill kc4atu

Do you Yahoo!?
Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
<http://mailplus.yahoo.com>

Date: Mon, 3 Feb 2003 07:00:58 -0500
From: "John Huffman" <hjohnc@core.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [145663] Spartan Sprint Tonight!
Message-ID: <001101c2cb7c\$7a5a80d0\$c1c859cf@jhuffman1t>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tonight is the February Adventure Radio Society Spartan Sprint. Two hours
starting at 9 pm Eastern, 8 pm Central, 7 pm Mountain, 6 pm Pacific.

Exchange - Report, State (Province), Power as in: 559 MI 5W

Enjoy, and get your logs in by noon Wednesday. Results will be posted by
Thursday.

Fill out the Autolog at www.natworld.com/ars/ss_log.html

A free logging program for the Sprints is available for Windows computers at
http://www.natworld.com/ars/pages/spartan_sprints/ss_logger.html

73 de NA8M
John
Contest Manager
Adventure Radio Society

Date: Mon, 03 Feb 2003 07:32:59 -0500
From: David Porter <aa3ur@comcast.net>

To: NJQRP <njqrp@njqrp.org>,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [145664] 70 Rainbow Tuners have shipped!
Message-ID: <NGBBICPOCLKMGIBGGBEAIEEDDCAA.aa3ur@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

The Rainbow Tuner Kitter has now delivered or shipped 70 Rainbow Tuners. I have received funds from eight more, so they will ship shortly. This leaves 22 kits to be shipped. If you received a confirmation number from me and haven't sent in the money, do so quickly. If you are on the waiting list, we may have one or two kits left over after the dust settles.

The web page has been updated to reflect payments received. As soon as I get a list of exactly which kits shipped, I'll update the shipped column.

Thanks for supporting NJQRP,

Dave, AA3UR

Date: Mon, 3 Feb 2003 06:29:26 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Jim & Sarah Akre <jsakre@execpc.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [145665] Re: fox qso
Message-ID: <Pine.LNX.4.44.0302030624090.1332-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Jim, under poor propagation conditions it's difficult to know what happened. I heard a Fox send k5di and he actually sent k5diw or like that. I answered him and heard a TU. Thought I was good but the Fox didn't work me, he worked k5diw. I missed that Pelt.

On Sun, 2 Feb 2003, Jim & Sarah Akre wrote:

> TO: Mert Nellis-W0UFO. Hi Mert' could you check your scratch sheet for
> 0345z-I thought we made a qso under difficult conditions Thursday Jan
> 24' Z-time 0345z, my exchange was "de wa9tze 239 wi jim 5w k" repeated

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Mon, 03 Feb 2003 08:46:09 -0500 (Eastern Standard Time)
From: W2AGN <w2agn@w2agn.net>
To: w5yr@att.net, qrp-1@Lehigh.EDU
Subject: [145666] Re: fox qso
Message-ID: <3E3E72A1.000023.30321@w2agn>
MIME-version: 1.0
Content-type: Text/Plain
Content-transfer-encoding: 7BIT

George makes an excellent suggestion. I still strongly feel, however, that if you are not in the log, you did not make the contact. "A local ham on 2M" who says he heard "qrz" does not a contact make! It is the HOUNDS responsibility to hear the acknowledgment! I wonder how many QRP Contest QSOs are completed this way?

+++++ John L. Sielke
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]
+++++ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----Original Message-----

From: w5yr@att.net
Date: Monday, February 03, 2003 12:07:23 AM
To: Low Power Amateur Radio Discussion
Subject: Re: fox qso

Fellow Hounds, we are likely to have this problem crop up every now and then until the Foxii start sending the call of the Hound exchange that they are acknowledging. I know that it is extra work and takes a little time, but if I hear TU QRZ after I send my exchange, I only *think* that I am in the log. If instead I could hear TU W5YR QRZ, then I would know.

> TO: Mert Nellis-W0UFO. Hi Mert' could you check your scratch sheet for
> 0345z-I thought we made a qso under difficult conditions Thursday Jan
> 24' Z-time 0345z, my exchange was "de wa9tze 239 wi jim 5w k" repeated
> twice. A local on 2m said he heard you answer "r qrz" .NJ9K the other

> station was listing on a 40m 2 el beam at 70 ft.and i heard you over
his
> speaker also??? Well could you check?? If not we will catch you next
> time. Best 72/Jim Akre/WA9TZE.....
>

.

Date: Mon, 3 Feb 2003 08:52:33 -0500
From: "Upton, Shawn" <SUpton@ALLEGROMICRO.com>
To: qrp-1@lehigh.edu
Subject: [145667] Re: Gooley gray pudding reactance calculator
Message-ID: <E1F0152638DBD311AEF700D0B74455E2BB6DFD@exchange_nh.allegromicro.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I try to remember that $1/6.28$ is about 0.16, or 0.159, to be more precise.
So, if you were doing $1/\sqrt{2\pi L C}$, you could shorten it to
 $1/0.4/\sqrt{L C}$, or $2.5/\sqrt{L C}$.

For the rest of the math, I'd shorten to only 2 digits significant numbers,
and use a few short cuts, like $\sqrt{10}$ is 3.3, etc. Of course, these days,
one can buy cheap solar powered calculators, like a TI-25x for 13 bucks or
similar.

Date: Sat, 1 Feb 2003 11:29:53 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [145595] Gooley gray pudding reactance calculator

When I was back in school, some of the guys claimed that this one old
Chinese professor had the table of logarithms memorized. That's
ridiculous
of course, but he was pretty amazing at cranking out pretty close
estimates
in his head.
<snip>

Shawn Upton, KB1CKT

Date: Mon, 03 Feb 2003 09:22:52 -0500

From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [145668] 2M-PC antenna
Message-ID: <3E3E7B3C.D622D3EC@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi there,

At the hamfest this past Saturday I bought two 2 meter collinear antennas that carry the name "2M-PC", which I assume stands for 2 Meter Phased Collinear. They look like the usual Ringo Ranger design except the matching section is different. The Ringo Ranger uses a coax stub as a capacitor and a 1 turn inductor around the base to form a resonant circuit on 2 meters.

The antennas I bought do not use a stub and the inductor is shaped like a small folded vertical dipole. One side attaches to the radiating element and the other side to the ground of the coax connector (SO-239). The center conductor of the coax is then connected with a braided wire somewhere in the middle of the inductor. My guess is that the design relies on stray capacitance to resonate the circuit, but that just a long shot.

I was wondering if someone one here may have some more info on these antennas. I have the construction details, but it lacks the info how the matching circuit works. Searching the internet has not resulted in anything (yet).

Funny thing is that on one of the antennas someone went to great lengths to make sure the radiator was insulated from the matching section while it's very clear from the construction details that it should be connected. I guess that's why they were cheap. :)

73,
--Alex KR1ST

Date: Mon, 3 Feb 2003 09:35:45 -0500
From: brewerj@squared.com
To: qrp-1@lehigh.edu
Subject: [145669] Radio Shack coupon? Where?
Message-ID: <0F392254EE.8079E64A-ON85256CC2.00500F8F@CIS.SQUARED.COM>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

I went to the link provided regarding the 22-510 Coupon, but cant find it.

Did anyone save a digital copy after downloading it? I'd sure like to get one of the supplies.

Thank you!

John (plz send info to brewerj@squared.com)

Date: Mon, 3 Feb 2003 09:47:19 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <k5zty@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [145670] Re: Icom 718 question
Message-ID: <006601c2cb93\$41d98280\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think you're kind of harsh there.

But not necessarily wrong.

I don't think it's so much that they are SSB and then add CW as an afterthought as much as it's just not a priority with them to have CW be cutting edge.

We can sit out here and say what's important to us, and when someone else doesn't agree we blast them. Maybe rightly so, but if we do, we have to blast them for the right reasons.

Hey, my big chap is that the 817 didn't have WX. Other than that, it would have been a great 'under coat' hiking and ski radio for SHORT mountaintop excursions where it wasn't necessarily a 'radio trip', but that I was just trying to add on some radio time to a trip for another purpose.

But as annoyed as I was that it didn't have WX, the bottom line is that WX wasn't an important design criteria for them at the time the radio was designed. Intentional? Oversight? Who knows at this point, but the deed was done and now we just see the result.

Sometimes the way things are indicates the direction of attitudes, and maybe that's what we're seeing with the 'less than optimum' CW

performance of most radios. Attitudes driven by the 'business' of the major players.

The good thing is that attitudes like that leave wonderful niches for players like Elecraft to scratch that itch that people have for the areas the big players aren't satisfying.

Mike

Date: Mon, 3 Feb 2003 07:58:57 -0700
From: "Rod N0RC" <rod@n0rc.us>
To: <k5zty@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [145671] Re: Icom 718 question
Message-ID: <003401c2cb94\$c756d470\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Sri Bill,

I must take exception to your over-generalization. Presently I'm using a Icom 746pro, it works quite well on CW:

- o good QSK characteristics, quiet relay
- o adjustable IF-DSP noise and notch filters
- o good keyer: adjustable element timing, repeat delay
- o adjustable IF-DSP BW filters and dual passband adjust
- o in split mode the passband of each VFO is independent of each other. Very nice for working DX pile-ups: zero in on the DX in VFO-A and monitoring the pack to find hole in VFO
- o scratch-pad and band stacking memories
- o 3 AGC settings each with independent time-constants, and the AGC can be switched off.
- o RIT/XIT

All of these I find useful for CW operations. Not all of these are available on every radio. Test reports of the 746pro show it to hold up quite well to others rigs in it's class, including the K2.

I never spoke with a design engineer for the 746pro, so I can't say with absolute certainty that it was designed to be an SSB radio, that also does CW. But using it for a year, and enjoying the features I mentioned, bears witness to the notion that some thought was given to making it a decent CW rig. (long ago I owned a Kenwood 570 that also worked pretty well in CW, and I'll bet some Ten-Tec owners have good thing to say about their rigs in CW mode)

73, Rod N0RC

----- Original Message -----

From: "Bill Stietenroth" <k5zty@juno.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Sunday, February 02, 2003 5:50 PM

Subject: re: Icom 718 question

> The problem with the Icoms and the rest of the import radios is they
were
> designed to be SSB radios that also do CW. We have been used to CW
> radios that are optimised for CW. I don't think you will find a
> Yaecomwood that is as good a CW radio as the Elecrafts which were
> designed as CW radios that also do SSB. I have 2 Yaesu's and neither
one
> is a great CW radio. One doesn't even have a keyer and the other one
has
> a keyer that I won't use because of the jerky timing. I use my Super
> CMOS III on it. What they call QSK is laughable by K2 standards.
>
> Bill K5ZTY
> Houston, TX
>

Date: Mon, 3 Feb 2003 10:04:28 -0500

From: "Richard Brummer, K2JQ" <k2jq@rcn.com>

To: <brewerj@squared.com>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [145672] Re: Radio Shack coupon? Where?

Message-ID: <00a901c2cb95\$8d54b660\$6501a8c0@Brummer.cable.rcn.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You just might have missed that coupon special. I remember seeing that coupon, among some others which are still available. The sale on the power supply might have ended on the weekend. Looks like it has returned to full price.

73

Dick K2JQ

----- Original Message -----

From: <brewerj@squared.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Sent: Monday, February 03, 2003 9:35 AM

Subject: Radio Shack coupon? Where?

> I went to the link provided regarding the 22-510 Coupon, but cant find it.

>

> Did anyone save a digital copy after downloading it? I'd sure

> like to get one of the supplies.

>

> Thank you!

> John (plz send info to brewerj@squared.com)

Date: Mon, 3 Feb 2003 10:08:26 -0500

From: "Mike Boatright" <ko4wx@mindspring.com>

To: <qrp-1@Lehigh.EDU>

Cc: <kc8aon@juno.com>

Subject: [145673] Re: A PERFECT USE FOR 11 METERS !

Message-ID: <NFBBIILMKCMIILGKAJMBLCEFBICIAA.ko4wx@mindspring.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Rick,

Don't throw away the RF board! There's usually a nice RF transistor or two (sometimes several, depending on how well it was engineered) that could be usable for other projects. A lot of old CB's had MRF-476's and the like...

72 de Mike, K04WX

Date: Mon, 3 Feb 2003 10:12:22 -0500
From: "brian" <brian@iquest.net>
To: <brewerj@squared.com>, "QRP-L" <qrp-l@lehigh.edu>,
"Flying Pigs" <fpqrp-l@fpqrp.com>, <QRPP-I@yahooogroups.com>
Subject: [145674] Radio Shack Power Supply - Final
Message-ID: <001101c2cb96\$a6af3b70\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just called "The Shack" at 1-800-THE SHACK

The 25A power supply (PN 22-510) is shown on the website at \$119.99 BUT if you call and order via the 800 number and MENTION the 59.97 price, you get it. The guy said they were not disco but on sale but did not not the sale end date.

He said they have "hundreds" in stock.

Very nice supply.

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

Date: Mon, 3 Feb 2003 07:27:09 -0800
From: "Timothy-Allen Albertson-KG6IRH" <kg6irh@pacbell.net>
To: <brewerj@squared.com>
Cc: <qrp-l@Lehigh.EDU>
Subject: [145675] Re: Radio Shack coupon? Where?
Message-ID: <007601c2cb98\$b8314760\$7e5bfea9@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Call local RS i think this unit is on closeout now and one need not a coupon anymore

73 de tim kg6irh.

----- Original Message -----

From: <brewerj@squared.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, February 03, 2003 6:35 AM

Subject: Radio Shack coupon? Where?

> I went to the link provided regarding the 22-510 Coupon, but cant find it.

>

> Did anyone save a digital copy after downloading it? I'd sure

> like to get one of the supplies.

>

> Thank you!

> John (plz send info to brewerj@squared.com)

>

Date: Mon, 3 Feb 2003 10:28:43 -0500

From: "Mike Yetsko" <myetsko@insydesw.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [145676] video

Message-ID: <00dd01c2cb98\$f19470e0\$0300a8c0@charter.net>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Is anyone doing video? Stuff like model rockets or R/C airplanes (R/C rockets are illegal!) and small low powered TV?

The reason I ask is I'm sure if anyone is, they would want to be trapping to a PC. I mean that with a lot of camcorders having 'video in' jacks, it's

real easy to trap video from flights and such and have them on tape.

Then with the fact they people here all have computers, I'm sure you'd be tempted to get the videos onto disk.

So, what are people using?

I've been tempted to pick up one of the "Dazzle" things at Radio Shack and start playing to see what it can do.

Mike

Date: Mon, 3 Feb 2003 10:12:53 -0600
From: "Larry" <w5w1b@gbonline.com>
To: "Qrp-1" <qrp-1@lehigh.EDU>
Subject: [145677] shack cleaning
Message-ID: <000501c2cb9f\$1be18bc0\$6dd2fdd8@yourx6k5fonaok>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

20meter ssb mfj-9420 with mike(mfj-290) and manual plus the cw board
(installed) with manual (mfj-415). Works ssb and cw 10 to 12 watts output.
\$175.00 plus shipping.
w5w1b

Date: Mon, 03 Feb 2003 10:16:47 -0600
From: KD5NWA <KD5NWA@cbayona.com>
To: k2jq@rcn.com,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [145678] Re: Radio Shack coupon? Where?
Message-ID: <5.2.0.9.0.20030203101613.00a921b0@pop.cbayona.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

You don't need the coupon at a company owned store, but you better hurry.

At 09:04 AM 2/3/2003, Richard Brummer, K2JQ wrote:
>You just might have missed that coupon special. I remember seeing that
>coupon, among some others which are still available. The sale on the power
>supply might have ended on the weekend. Looks like it has returned to full
>price.
>
>73
>Dick K2JQ
>----- Original Message -----
>From: <brewerj@squared.com>
>To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
>Sent: Monday, February 03, 2003 9:35 AM
>Subject: Radio Shack coupon? Where?

>
>
> > I went to the link provided regarding the 22-510 Coupon, but cant find it.
> >
> > Did anyone save a digital copy after downloading it? I'd sure
> > like to get one of the supplies.
> >
> > Thank you!
> > John (plz send info to brewerj@squared.com)

Cecil
KD5NWA

Date: Mon, 3 Feb 2003 11:37:51 -0500
From: "John" <jdorson@worldshare.net>
To: "brian" <brian@iquest.net>, <brewerj@squared.com>,
"QRP-L" <qrp-l@lehigh.edu>, "Flying Pigs" <fpqrp-l@fpqrp.com>,
Subject: [145679] Radio Shack Power Supply
Message-ID: <000501c2cba2\$9d81b8a0\$fc9b8b41@ATHOME>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It is now 11:35am on 02/03 and just got off the phone with local RS. The power supply is in fact on sale. I had them put one away for pick-up tomorrow.

John K2JHU

Date: Mon, 3 Feb 2003 08:53:41 -0800
From: "richqrp" <richqrp@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [145680] Re: Radio Shack Power Supply
Message-ID: <002c01c2cba4\$ce90b3e0\$c1770744@wd6fddstssz5sg>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I also have jumped in and bought one.. using it for both my HF, (without any

noise) and my UHF/VHF stuff. so far, no problems, no noise..

----- Original Message -----

From: "Dick Ballard" <ballardr@att.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Sunday, February 02, 2003 11:29 PM

Subject: Radio Shack Power Supply

> Got one. Using it for IC207H 2m/70cm base station. No noise problem in
> that mode (FM), but don't know about noise on HF (no HF gear right
> now).

>
> Dick Ballard
> Beaverton OR
> W7AND
>
>
>

> On Thu, 30 Jan 2003 18:19:41 -0600, you wrote:

>
> >Does anyone have any experience using the Radio Shack 25 Amp power
supply?

> >They have a coupon for it right now.

> >
> >Catalog Number:22-510
> >Regular Price:119.99 - With Coupon: 59.99
> >

> ><<http://www.radioshack.com/Coupons/Coupons.asp>>
> >

> >Offer good until 02/01/03
>

Date: Mon, 3 Feb 2003 13:03:04 -0400

From: "Leigh Hawkes" <leighhawkes@ns.sympatico.ca>

To: <qrp-l@Lehigh.EDU>

Subject: [145681] Re: Icom 718 Question

Message-ID: <000001c2cba6\$1eb6e0\$6400a8c0@leighck46i9ilt>

MIME-Version: 1.0

Content-Type: text/plain;
charset="us-ascii"

Content-Transfer-Encoding: quoted-printable

I purchased an IC-718 three months ago. Of course I read the reviews =
before
hand, and not just those of this rig before making my choice. The FL-52A =

was
backordered so I had two months of experience using it in "stock" mode. =
Yes,
the 718 has some short comings. Are they fatal? Certainly not.=20

As I understand K1VP, his question concerns reception of CW on the =
IC-718.
First all, if you have used those great QRP kit radios you will be =
spoiled.
Designed and optimized for a single purpose and usually a single band, =
means
the engineer is not faced with the many compromises that have to be made =
in
an all purpose do everything design. My OHR-100 and OHR-100A are simply
outstanding in performance.=20

To the point in question: The IC-718's built in speaker leaves much to =
be
desired. I'd strongly suggest an external speaker or communications
headphones be tried. I'm using an external speaker from a commercial =
land
mobile (TAIT) radio. The quality of received audio is night and day
difference. The IC-718 is not the only rig that will show the same =
benefit
when used with an external speaker.

Second: The 500Hz CW filter transforms this rig into a different class
radio. You can use it without the filter, but I doubt anyone would ever =
want
to after they had fitted a filter and experienced the difference. An =
IC-718
without CW filter compared to say an OHR-100 with its built-in filter =
will
not satisfy a CW operator.=20

Next: The IC-718 has a set menu item called CW Pitch. The default value =
is
60. Try this. Tune in a reasonable strength CW signal. Enter the set =
menu
and select CW Pitch. Change the CW Pitch setting while listening to the =
CW
signal. It appears this set menu item is actually adjusting the carrier
oscillator set point in the IF. This makes a remarkable difference in =
what
the operator hears in the speaker or headphones. I'm still using the =
default
of 60, but I really do like the sound at a setting of 44.=20

Qualifier: My IC-718 was purchased to support a very early radio =
interest,
shortwave listening. It supplants and aged but faithful Yaesu FRG-7 for =
that
purpose. Its' secondary purpose is as a fallback or standby rig. It is
providing outstanding performance in both these roles. In my estimation, =
it
meets and exceeds the requirements of the manufacturer's intended market
slot for this product.=20

Is this the world's best radio? NO.=20
Is this the world's worst radio? NO.
Is this a good value radio? I think so. =20

73,
Leigh - VE1GA
=20

Date: Mon, 3 Feb 2003 09:04:42 -0800 (PST)
From: Alan <aadelma@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [145682] Re: Icom 718 Question
Message-ID: <20030203170442.3567.qmail@web14007.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have one which I use almost exclusively on CW. The
500 Hz filter helps a lot, as does an external
speaker. I agree, not the best choice, but I wouldn't
call it awful, and it's easy to turn the power down to
qrp levels. I do like the large display and controls.
I don't know of a similarly priced, fully assembled
rig which would be a better choice on CW, but I
wouldn't mind hearing about one...

Do you Yahoo!?
Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
<http://mailplus.yahoo.com>

Date: Mon, 03 Feb 2003 12:29:54 -0500
From: Paul Valko <w8kc@comcast.net>

To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [145683] Mixed Messages??? Re: Radio Shack Power Supply
Message-ID: <d5ee3dd7d4.dd7d4d5ee3@icomcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-language: en
Content-transfer-encoding: 7BIT
Content-disposition: inline

----- Original Message -----

From: richqrp <richqrp@cox.net>

> I also have jumped in and bought one.. using it for both my HF,
> (without any> noise) and my UHF/VHF stuff. so far, no problems, no
> noise..

This RS power supply is getting a lot of publicity and I'm hearing two wildly differing opinions. Some say it's working prefect with no noise and other say it's a broadband hash generator.

Maybe I'll buy one and find out myself.

What I'd like to see is a worse-case test of a ham rig in AM mode with NO ANTENNA and NO grounding running on this supply. Dial up through the ham bands listening for noise and birdies and report back to QRP-L. Anyone? PLEASE?

vy 73 =paul= W8KC

Date: Mon, 3 Feb 2003 11:40:26 -0600
From: "res075cz" <res075cz@gte.net>
To: <qrp-l@lehigh.edu>
Subject: [145684] FS: Elecraft K-1
Message-ID: <001c01c2cbab\$56bf02c0\$0f972804@dslverizon.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a K1 with the 40/30/20/15 meter bands installed, the automatic

antenna tuner (ATU), the Noise blanker (NB) and the wide range tilt stand. The serial number of the rig is 1365. All documents are included.

This is the third K1 I have built. All three went together with little problems. The first one had a bad capacitor which Elecraft replaced and the second K1 had a broken jack and they also replaced that. This little rig had no problems at all. I have made quite a few QSOs on it and gotten fine reports.

I have over 60 years experience as a ham, building gear. I received very positive responses from the buyers of the other two K1s. This one looks and operates great. The antenna tuner is a joy to use.

I am reducing my original price because there are now more for sale, it seems. I am selling because I am doing more Digital work and will be buying a used IC-706. I am asking 425 dollars plus some help with shipping. I will only send it Priority mail, insured.

73 de Jim, K5ROV...

James (Jim) Parsons, K5ROV, CMSgt (E-9), USAF, Ret., San Angelo, TX
Ham for over 60 yrs. 70% CW, 20 % digital, 10 % phone.
k5rov@arrl.net, QCWA, ARCI, Fists, ARRL, ARMS.
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

Date: Mon, 03 Feb 2003 12:40:40 -0500
From: Hank Kohl K8DD <k8dd@arrl.net>
To: <qrp-1@lehigh.edu>
Subject: [145685] Dayton Hamvention Rooms.
Message-ID: <5.1.0.14.2.20030203123935.06af7a48@mail.arenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Dayton Hamvention Rooms
www.qsl.net/k8dd/rooms/ramada1.htm was updated Feb 3 at 0550Z

Date: Mon, 3 Feb 2003 09:40:35 -0800
From: Mark Schoonover <schoon@amgt.com>
To: "FT817 (E-mail)" <FT817@yahooogroups.com>,
"Low Power Amateur Radio Discussion (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [145686] 817 SWR vs Outboard SWR Meter Weirdness
Message-ID: <BF889CEBEFD2D511B993009027F60ABE4F65D0@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Thanks for reading. While trying to blow my finals this weekend, I discovered this weird configuration between my 817 and my tuner. Here's my setup - 817 into MFJ 969 tuner, about 30' RG-213 coax feeding a W2DU current balun attached to an 88' doublet with about 45' of ladder line, all at about 40'.

Using an MFJ analyzer, I can pretty much match anything from 3.5 to 30 Mhz with an SWR of 1.2:1 or better. When replacing the analyzer with the 817, the SWR meter in the rig has 1 or less bars showing, and the reflected power meter on the MFJ is near 0. Good so far... Plenty of contacts made on 20M PSK31, hearing stations in TX and NY just fine... My QTH is 18 miles outside of San Diego...

Now, if I ignore the SWR meter in the MFJ, and just use the one in the 817, I can get another setting on the tuner that will show 1 bar or less SWR on the rig, but the reflected power on the MFJ is showing around 20 watts!! Needless to say, I have not been able to make any Qs in this arrangement. I have a feeling that the tuner is acting as a dummy load at this setting.

Can anyone explain to me what might be happening?? I've tried to find if there are different settings on the tuner that would provide a match, but have not. There seems to be just one combination for a good match.

Thanks! & 72

.mark

Microsoft Quote:

"Failure is not an option. It comes bundled with the software."

Date: Mon, 03 Feb 2003 11:43:47 -0600
From: "Merton Nellis" <mertnellis@msn.com>
To: qrp-l@lehigh.edu
Subject: [145687] Re: fox qso

Message-ID: <F42r3uejzp0IOI1wvaK0001a1d9@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

My thoughts concerning the subject:

It seems to me that when the FOX has asked a certain station to give his info (call BK) that ONLY that station should be answering and it is that station that is acknowledged with "TU". If one is not sure if he was called he should send ? or otherwise ask for a repeat before sending his info. I think a repeat of a call as an acknowledgment should be necessary only to correct an error made when first sent otherwise we spend too much time on calls.

For the information of concerned, I replied as follows to Jim when he asked me to check my log:

<Hi Jim,
>Sorry but my log is blank at 0345 and nothing was >happening.....However,
>my run was on 31 Jan UTC (Z) and not 24 >Jan....so maybe you need to talk
>to the FOX that was on that run. >Things were so slow at that time that
>I'm sure I would have taken time >to log you. I have a blank log from 0339
>til 0352, my last contact. Good luck. 73/72 Mert W0UFO MNQRP

I think this subject was unnecessary and that no FOX procedures need be changed.

73/72 Mert W0UFO MNQRP

>From: W2AGN <w2agn@w2agn.net>
>Reply-To: w2agn@w2agn.net
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: fox qso
>Date: Mon, 03 Feb 2003 08:46:09 -0500 (Eastern Standard Time)
>
>George makes an excellent suggestion. I still strongly feel, however, that
>if you are not in the log, you did not make the contact. "A local ham on
>2M"
>who says he heard "qrz" does not a contact make! It is the HOUNDS
>responsibility to hear the acknowledgment! I wonder how many QRP Contest
>QSOs are completed this way?
>
>
>
>
>+---+---+---+---+ John L. Sielke
> |W||2||A||G||N| <http://www.w2agn.net> [UPDATED]
> +---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS
>

>-----Original Message-----

>

>From: w5yr@att.net

>Date: Monday, February 03, 2003 12:07:23 AM

>To: Low Power Amateur Radio Discussion

>Subject: Re: fox qso

>

>Fellow Hounds, we are likely to have this problem crop up every now
>and then until the Foxii start sending the call of the Hound exchange
>that they are acknowledging. I know that it is extra work and takes a
>little time, but if I hear TU QRZ after I send my exchange, I only
>*think* that I am in the log. If instead I could hear TU W5YR QRZ,
>then I would know.

>

> > T0: Mert Nellis-W0UFO. Hi Mert' could you check your scratch sheet
>for

> > 0345z-I thought we made a qso under difficult conditions Thursday
>Jan

> > 24' Z-time 0345z, my exchange was "de wa9tze 239 wi jim 5w k"
>repeated

> > twice. A local on 2m said he heard you answer "r qrz" .NJ9K the
>other

> > station was listing on a 40m 2 el beam at 70 ft.and i heard you over
>his

> > speaker also??? Well could you check?? If not we will catch you next
> > time. Best 72/Jim Akre/WA9TZE.....

> >

>

>

>.

Help STOP SPAM with the new MSN 8 and get 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Mon, 03 Feb 2003 12:31:28 -0500

From: Ken Wagner <kewagner@ids.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [145688] Re: Radio Shack Power Supply

Message-ID: <4.3.2.7.2.20030203122956.00ac3de0@pop3.ids.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

The sign on the shelf at the local RS store said this l'il PS will be on

sale(1/2 price) until March 2, 2003.
73, Ken K3IU

~~~~~  
At 11:37 AM 2/3/03, John wrote:

>It is now 11:35am on 02/03 and just got off the phone with local RS. The  
>power supply is in fact on sale. I had them put one away for pick-up  
>tomorrow.

>

>John K2JHU

-----  
Date: Mon, 3 Feb 2003 12:39:28 -0500  
From: brewerj@squared.com  
To: qrp-l@lehigh.edu  
Subject: [145689] RS P. Supply> Thanks! (Mission accomplished)  
Message-ID: <0F7BC3AEF6.57EAC3F5-ON85256CC2.0060DACB@CIS.SQUARED.COM>  
MIME-Version: 1.0  
Content-type: text/plain; charset=us-ascii

...called around this morning and found one store in the area that had one  
still sealed in the box. Grabbed it at lunch for \$59.

Thanks for all who helped!

John K5MO

(RS is madly getting rid of just about anything that has it's house brand on it!)

-----  
Date: Mon, 3 Feb 2003 10:14:40 -0800  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <qrp-l@Lehigh.EDU>  
Cc: "George Heron N2APB" <n2apb@erols.com>,  
"Jay Bromley" <w5jay@alltel.net>  
Subject: [145690] Spectacular announcements about Atlanticon and Arkiecon coming  
Message-ID: <014d01c2cbb0\$1e6c6ca0\$4a0b0d0a@dph.dpol.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys, I spoke with both Jay Bromley and George Heron this weekend about the  
upcoming Arkiecon and Atlanticon events. Hold on to your seats, because

both of them have news to announce about their event that will really make you want to attend.

George's announcement has to do with his annual Atlanticon participant's kit. This one is fabulous, and the operating event that he has planned for Friday night involveing it will go down in history as one of the all time greats. I am also pleased to announce that I have been invited to speak at Atlanticon, and will be attending for the first time. This is one that is difficult for me to attend, because of the time of the year that it happens, and the fact that it is just one week from Arkiecon, where I am the mc. But it worked out this year, and I am really happy that it did. If you have not made your hotel reservations, go to the NJ QRP Club website at <http://www.njqrp.org/atlanticon/Atlanticon2003.html> for all the details. I really admire how the NJ guys run this event. First class all the way, in every detail, and it is a chance for me to meet the guys from the east coast. George's speaker lineup includes the following:

- Dave Benson, K1SWL
- Jim Kortge, K8IQY
- James Bennett, KA5DVS/6
- Joe Everhart, N2CX
- George Heron, N2APB
- Doug Hendricks, KI6DS

All of these guys are good friends of mine, and all are world class qrpers. They all love to visit and talk qrp one on one, so make sure that you don't miss the chance to meet these guys. George also has Rich Arland as the master of ceremonies, and I can't wait to hear his introduction of me. I hope he is nice, grin.

The weekend after Atlanticon, I travel to Ft. Smith, Arkansas to go to Arkiecon, which is the largest QRP gathering between Pacificon and Dayton. This thing has grown by leaps and bounds, and JayBob has done it again. His announcement has to do with the speakers that he has lined up, and I am absolutely amazed at the lineup that he has this year. He has one very special speaker that alone would be worth the drive from anywhere. But JayBob has a whole slate of solid QRPers who are gonna be great speakers. I won't steal his thunder, but I would suggest that you call the Guest House Motel in Ft. Smith and make your reservations before they are all gone. These are the cheapest rooms of any QRP Forum, and as nice as any that I have ever stayed in. They will go fast.

See you at Atlanticon and Arkiecon. 72, Doug

-----

Date: Mon, 3 Feb 2003 12:29:51 -0600

From: "George, W5YR" <w5yr@att.net>  
To: <schoon@amgt.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [145691] Re: 817 SWR vs Outboard SWR Meter Weirdness  
Message-ID: <00ef01c2cbb2\$3e927cc0\$0201a8c0@fairviewtx.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have posted on this before, Mark, so maybe those who have read it will forgive another dose! <:}

The problem basically is that the SWR meter in your MFJ is far from perfect. Briefly, it introduces an impedance discontinuity that causes a reflected wave which affects the reading of the 817 meter, etc.

In the one case, where you get out and life is good, you found a tuner adjustment that together with the effects of the SWR meter in the tuner caused the SWR circuitry in the 817 to see the desired 50 ohm resistive load. It works, the tuner works, and you work stations.

But as you have discovered there is at least one other setting that will present a "50 ohm load" to the 817 but which causes the tuner SWR meter to read differently and causes you to NOT work stations. As you surmise, the tuner is now the "wrong" part of the solution and is probably dissipating most of the power it receives.

Clearly, the second setting is wrong. What the tuner is doing is taking the line input Z and transforming it to a value which when combined with the impedance effects of the SWR meter \*and the length of the coax to the rig\* causes the 817 metering circuitry to see a 50 ohm load. This does not mean that the SWR in the coax to the transmitter is 1:1, as your SWR meter in the tuner shows. It is probably not reading "right" but it is close enough to illustrate the point.

One should always believe the "SWR" indication nearest the transmitter. What that reading is telling you is NOT an actual SWR but rather is a measure of the departure of the actual load from the required 50 ohm resistive load. The meter is calibrated in SWR units since that is easily understood by the user, etc. Even the SWR bridge in your tuner is not reading a true SWR value. Rather it is reading some line voltages and currents and combining them in such a way as to cause a meter to indicate on a scale marked in SWR units or in forward or reflected power units.

So, what to do if one meter reads "right" and the other reads a

different SWR?

The answer is to seek a tuner setting that compromises with the closest agreement between the two SWR indications. Just tuning for the 817 indicator alone doesn't always work as you found out. In my shack, I use the 989C tuners with essentially the same SWR bridge as your tuner uses. I find that if I tune for minimum indicated SWR on the tuner meters that the transmitter SWR indication usually is also a minimum.

On some bands, the line length, the frequency, etc. all work to create a tuning situation wherein minimum indicated SWR at the tuner does not produce minimum SWR indication at the rig. In that case, start making small cap and L changes around that point until you find a combination that produces the \*lowest\* reading at the tuner and 1:1 at the rig. A lot depends upon the length of the coax between the rig and the tuner. It shouldn't and it wouldn't if the SWR bridge in the tuner were transparent to the transmitter line, but it isn't and so that coax length enters into the picture.

Summary: always tune for the lowest indicated SWR at the meter nearest the transmitter. Most internal meters are calibrated in SWR but actually are reading load impedance compared to a 50 ohm resistance. Coax length to the tuner can be critical if the external SWR bridge does not have a  $Z_0$  of 50 ohms and thus causes reflections which can cause the internal meter to read one thing when your external meter reads another.

Always seek a tuner setup that minimizes the tuner SWR reading and gives 1:1 on the rig meter. If such a setup cannot be found, then vary the coax length between rig and tuner until the two are as close as possible.

I am just lucky but with my antenna farm, all tuner SWR meters read 1:1 when "tuned" and the rigs (Icom 756 PRO, PRO2, and 765 and K2) also read "1:1". But if there is a difference, go by the rig meter if it has one. But mind the tuner settings and rig coax length if you can't get pretty close agreement.

A final note: if you can use a Bird 43 meter in the line from the rig to the tuner and adjust the tuner for minimum reflected power on the Bird, you will probably be home free. The Bird design causes a very minimal effect on line impedance. But in order for this to work, you need to go into the tuner and "wire around" the internal SWR bridge and get it out of the circuit.

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

In the 57th year and it just keeps getting better!  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe  
K2 #489 IC-765 #2349 IC-756 PRO #2121 IC-756 PRO2 #3235

----- Original Message -----

From: "Mark Schoonover" <schoon@amgt.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Monday, February 03, 2003 11:40 AM  
Subject: 817 SWR vs Outboard SWR Meter Weirdness

> Now, if I ignore the SWR meter in the MFJ, and just use the one in  
the 817,  
> I can get another setting on the tuner that will show 1 bar or less  
SWR on  
> the rig, but the reflected power on the MFJ is showing around 20  
watts!!  
> Needless to say, I have not been able to make any Qs in this  
arrangement. I  
> have a feeling that the tuner is acting as a dummy load at this  
setting.  
>  
> Can anyone explain to me what might be happening?? I've tried to  
find if  
> there are different settings on the tuner that would provide a  
match, but  
> have not. There seems to be just one combination for a good match.

-----  
Date: Mon, 3 Feb 2003 12:52:28 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: <mertnellis@msn.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [145692] Re: fox qso  
Message-ID: <00f701c2cbb5\$6755f1c0\$0201a8c0@fairviewtx.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Merton Nellis" <mertnellis@msn.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Monday, February 03, 2003 11:43 AM  
Subject: Re: fox qso

>  
> My thoughts concerning the subject:  
> It seems to me that when the FOX has asked a certain station to give his  
> info (call BK) that ONLY that station should be answering and it is that  
> station that is acknowledged with "TU".

I would agree fully, Mert, IF all the Hounds could hear you well enough to know to whom you sent your exchange. But mix in QSB, QRM, QRN and many times the call we think we copy at the end of your exchange is not the call you sent.

>From my limited experience in the Pesky Texan Armadillo Chase last year, I got a taste of what the Foxii have to deal with. The difference I observed is that usually I was dealing with the loudest signals in the pileup where many times we Hounds are trying to copy a Fox who is among the weakest signals on the band.

If one is not sure if he was called  
> he should send ? or otherwise ask for a repeat before sending his info.

This happens and seems to work, but not everyone knows that he should be "not sure" - he is "certain" that he heard his call when the Fox sent a call that was almost the same but not quite. The recently publicized situation where K5DI responded and thought he was in the log when the FOX was actually working an TUIing K5 DIW illustrates the point. K5DI was "certain" that he had heard his call - what he didn't hear was the "W" on the end that QRM or whatever knocked out for him. So, he lost the opportunity to continue the Hunt and try again for the pelt.

> I think a repeat of a call as an acknowlegment should be necessary only to  
> correct an error made when first sent otherwise we spend too much time on  
> calls.

That is the Fox's decision to make, of course, Mert. We had a similar discussion - not you and me but the list a couple of years ago when I first recommended that the Fox always send the Hound call at the end of his exchange since we could seldom hear the start of the exchange to know who the Fox was working. That was resisted on the same grounds: takes too much time, the right station knows he is being worked, etc. But once that procedure was adopted, and 99% of Foxii do



it today, a great deal of confusion vanished from the Hunts. What I am suggesting is only a minor extension of that concept to avoid these admittedly few cases where the Fox and the Hound are not on the same page.

Yes, I have a vested interest in this because the lack of a callsign acknowledgment cost me the only pelt I have missed this season. A Fox sent his exchange to me with my call at the start and the finish. I responded with my exchange and my call at the end and heard TU QRZ as a response. But, I was not in the log. The Fox said he heard me but never copied my exchange and was working someone else that he TU'ed just as I finished my exchange and turned it over. If he had sent the call of the station he was working, then I could have continued hunting for the pelt.

No, I am in no position to be telling any Fox how to run his Hunt since there is no way that I could begin to do the operating that the Fox does and does so well. It is the Fox's prerogative to run HIS Hunt the way he wishes subject to the broad guidelines of the "rules."

But, as a long time Hound I do love an orderly Hunt where everyone is on the same page and our entry into the log is based upon operating skill at each end, band conditions, etc. and not on procedural misunderstandings that can be avoided.

Sorry, if I stepped on any toes - that was not my intention.

Thanks again to all the Foxii who devote their time and skill to providing such fun for the rest of us!

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

In the 57th year and it just keeps getting better!

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

K2 #489 IC-765 #2349 IC-756 PRO #2121 IC-756 PRO2 #3235

-----  
Date: Mon, 3 Feb 2003 13:58:43 -0500

From: palmer\_t <ThomasPalmer@colliergov.net>

To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>

Subject: [145693] Re: fox qso

Message-ID: <F833DC5C03BCB34EBE579DC8DC130447815F56@CWW1.bcc.colliergov.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

In my opinion, the following works best:

FOX transmits the Hound's call sign at the start AND at the end of the FOX's transmission.

The Hound transmits his call sign at the start AND at the end of the Hound's reply.

Using this procedure the Hound can ALMOST always be sure that the FOX has the respective Hound in the FOX's log. However, if the Hound is not certain, sometimes, before the pack starts calling again, the Hound can instantly send his call followed by a question mark. Such as, in my case: "N1TP?" If the FOX hears this last second "to confirm" transmission from the Hound who is already in the log, the FOX can reply with "N1TP, Yes" or something similar. This takes but a few seconds, and the Hound knows he's "in the log." No need to fret about: "Am I in the Log?" or to risk a "dupe."

This procedure will not work, however, if the pack of Hounds has started calling the FOX before the Hound can follow up at the last instant with the confirmation "[call?]" transmission. In this event, it's best to risk a "dupe." If a Hound who is already in the FOX's log calls the FOX again, the FOX remembers the prior QSO and can immediately send "dupe" - to save time. If a Hound who is already in the FOX's log calls again, but the FOX does not remember the former QSO, then there's a "dupe." A "dupe" is seldom a big deal because often there are times later in the hunt where a "dupe" does not even deprive another Hound from bagging a pelt. It's better to "dupe" than to "be sorry."

Tom, N1TP  
Naples, Florida

-----  
Date: Mon, 03 Feb 2003 19:19:10 +0000  
From: "Brad Hernlem" <alihernlem@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [145694] [PIC] Using OTP chips  
Message-ID: <F86V540gddu5qE8DzHx0000d847@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

I got a bunch of PIC microcontrollers at the swapmeet but they are all one-time-programmable (OTP) parts. I'm not a programmer by profession and generally don't write functional code on the first try. My question is how much trouble is it to transport code for one line of PIC chips to another

and have a reasonable chance of it working without having to blow a whole bunch of OTP chips?

Everything that I have done so far is for the 16F84 while these are 16C54, 16C56 and 16C621 chips. Therefore, how realistic is it to transport 16F84 code to these chips (I know that there are differences such as that there are no comparators on the 16F84)?

TNX

Brad

---

Tired of spam? Get advanced junk mail protection with MSN 8.  
<http://join.msn.com/?page=features/junkmail>

---

Date: Mon, 3 Feb 2003 11:24:34 -0800 (PST)  
From: Lloyd Lachow <llachow@yahoo.com>  
To: a low-energy group <qrp-l@lehigh.edu>  
Subject: [145695] Re: fox qso  
Message-ID: <20030203192434.60890.qmail@web41001.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

George, W5YR (w5yr@att.net) wrote,

"...there is no way that I could begin to do the operating that the Fox does and does so well."

What a bunch of malarkey!

George, you could operate rings around most of us, while fiddling with your hearing aid batteries, and you know it! You are always right there, with the best QRP sigs on the band, and the most polite, clean and efficient operating practices, whatever the event.

So there.

=====

73, 72 es oo, Lloyd, K3ESE

K1 # 00379 - 20/40M Rock-Mites - Hunk o' Wahr  
ARRL - ARS #1301 - FISTS #8774 - WATPK #8  
FPqrp #476 - QRParci #11147  
QRP-L #2415 - SOC #530  
Fun = Skill / Power  
"You can't spell Lloyd without lol!"

-----  
Do you Yahoo!?  
Yahoo! Mail Plus - Powerful. Affordable. Sign up now.  
<http://mailplus.yahoo.com>

-----  
Date: Mon, 3 Feb 2003 14:37:52 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <w8kc@comcast.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [145696] Re: Mixed Messages??? Re: Radio Shack Power Supply  
Message-ID: <005001c2cbbb\$bfb18400\$0300a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> This RS power supply is getting a lot of publicity and I'm hearing two  
> wildly differing opinions. Some say it's working prefect with no noise  
> and other say it's a broadband hash generator.

I haven't seen that.

I HAVE heard from 1 person that said they got a moderate amount of  
noise that was solved by a ring. And I think there were 2 people who  
posted something about moving it away. But all the other post I recall  
were positive.

Now, since this is QRP, it follows that these assessments will be biased  
towards small HF rigs that aren't stressing the supply to begin with,  
which may skew the postings we see here.

In any case, I bought one this afternoon. I haven't tried it yet, but at  
least  
now I'll have a way to run the 2M mobile in the house. I didn't really  
need  
it for the K2, as I have a Lambda supply for that, but I'll probably try  
it  
there, just to see if it's noisy. (The Lambda is a linear that only  
outputs

about 5 amps and weighs about TWICE what the RS supply weighs.)

By the way, this APPEARS to be a standard sale of the things. There is speculation that it may be a 'store discontinued' item that will stay only on the web.

Mike

-----  
Date: Mon, 3 Feb 2003 12:15:02 -0800  
From: Mark Schoonover <schoon@amgt.com>  
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-1@Lehigh.EDU>  
Subject: [145697] Help With Severe BCB Interference  
Message-ID: <BF889CEBEFD2D511B993009027F60ABE4F65D3@AG-JASMINE-NT4>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Thanks for reading! I'm sure I'm suffering from pretty severe BCB interference. I have not 1, or 2 but THREE AM stations within 2 miles of my house!! The first one is about 1/2 mile from my antenna broadcasting on 760Khz with about 5 KW during the day, and less than 1KW at night. The next closest transmitter is about 1.5 miles away on 1170, with the final - but most powerful on 600Khz - about 2 miles as the crow flies. I'm going to build a temp filter from here [www.dxing.com/tnotes/tnote06.pdf](http://www.dxing.com/tnotes/tnote06.pdf) , to see how well it works. If it works, and I'm pretty sure it will, what do I need to do to leave it inline while transmitting?? I've thought of an RF TR switch as one possible option, the other is to use 'beefy' parts and not use the TR switch?? This filter needs to handle a 100 watt rig.

Thanks! & 73

.mark

Microsoft Quote:

"Failure is not an option. It comes bundled with the software."

-----  
Date: Mon, 03 Feb 2003 15:49:42 -0500 (Eastern Standard Time)  
From: W2AGN <w2agn@w2agn.net>  
To: ThomasPalmer@colliergov.net, qrp-1@Lehigh.EDU  
Subject: [145698] Re: fox qso  
Message-ID: <3E3ED5E6.00000A.90169@w2agn>

MIME-version: 1.0  
Content-type: Text/Plain  
Content-transfer-encoding: 7BIT

Tom and George both have excellent ideas. My earlier comment was in no way a criticism of Mert. He did nothing wrong, indeed, from his later post, he did exactly the correct and ethical thing.

My point is, the Fox Hunt is an "ON THE AIR" operating event. It is neither proper, ethical, or sportsmanlike to expect to complete the QSO on the Internet, or through the intervention of a third party. Whatever on the air means are used to confirm QSO are left to the FOX and HOUNDS as an exercise in operating procedure.

+---+---+---+---+ John L. Sielke  
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]  
+---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----Original Message-----

From: ThomasPalmer@colliergov.net  
Date: Monday, February 03, 2003 03:31:49 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: fox qso

This procedure will not work, however, if the pack of Hounds has started calling the FOX before the Hound can follow up at the last instant with the confirmation "[call?]" transmission. In this event, it's best to risk a "dupe." If a Hound who is already in the FOX's log calls the FOX again, the FOX remembers the prior QSO and can immediately send "dupe" - to save time. If a Hound who is already in the FOX's log calls again, but the FOX does not remember the former QSO, then there's a "dupe." A "dupe is seldom a big deal because often there are times later in the hunt where a "dupe" does not even deprive another Hound from bagging a pelt. It's better to "dupe" then to "be sorry."

Tom, N1TP  
Naples, Florida

.

-----

Date: Mon, 03 Feb 2003 16:00:29 -0500  
From: Dave Fouchey <dafouchey@comcast.net>  
To: myetsko@insydesw.com,  
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [145699] Re: video  
Message-ID: <4.1.20030203155713.009cd100@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7BIT

What no R/C controlled Rockets... why you would think the Military might be worried.... In truth my son launched a model rocket from the school yard in Jacksonville where we used to live and a few moments later a Navy Helicopter settled down on the field and gave he and my youngest daughter near heart failure! Seems the Metallic Nose of his rocket was not exactly viewed as friendly since it was aimed right into one of their usual flight paths...he has since taken up remote control cars..

Dave  
WA4EMR

At 10:28 AM 2/3/03 -0500, Mike Yetsko wrote:  
>Is anyone doing video? Stuff like model rockets or R/C airplanes (R/C  
>rockets are illegal!) and small low powered TV?  
>  
>The reason I ask is I'm sure if anyone is, they would want to be trapping  
>to a PC. I mean that with a lot of camcorders having 'video in' jacks,  
>it's  
>real easy to trap video from flights and such and have them on tape.  
>  
>Then with the fact they people here all have computers, I'm sure you'd  
>be tempted to get the videos onto disk.  
>  
>So, what are people using?  
>  
>I've been tempted to pick up one of the "Dazzle" things at Radio Shack  
>and start playing to see what it can do.  
>  
>Mike

-----  
Date: Mon, 3 Feb 2003 16:02:20 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <alihernlem@hotmail.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [145700] Re: [PIC] Using OTP chips

Message-ID: <00e901c2cbc7\$8c611be0\$0300a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> I got a bunch of PIC microcontrollers at the swapmeet but they are all  
> one-time-programmable (OTP) parts. I'm not a programmer by profession  
and  
> generally don't write functional code on the first try. My question is  
how  
> much trouble is it to transport code for one line of PIC chips to  
another  
> and have a reasonable chance of it working without having to blow a  
whole  
> bunch of OTP chips?  
>  
> Everything that I have done so far is for the 16F84 while these are  
16C54,  
> 16C56 and 16C621 chips. Therefore, how realistic is it to transport  
16F84  
> code to these chips (I know that there are differences such as that  
there  
> are no comparators on the 16F84)?  
>  
> TNX  
>  
> Brad

Well, since you already bought them....

You're best course of action is to find either a 'Flash' or 'EPROM' part  
that's close to what you want to use them for. Then develop 'most' of  
the code. Even if you have to hang external parts on. Get a 'major'  
part of the work done. And do it in a 'generic' way. THEN you can  
start risking using the OTP parts.

If possible, find an EPROM version to match what you have, then  
develop on that. Or even go to final and just use the OTP for  
'distribution'  
of the parts.

Since you are already developing for a variant, maybe even make your  
code 'conditional assembly'.

PIC parts are 'PIC parts' kind of thing. But as I'm sure you'll discover,  
chips may be similar but they will always have 'gotchas' that surface at  
the worst possible times. And when you have OTP parts, unless you



have a LOT of OTP parts, they always seem to surface one problem at a time, never in parallel, forcing you to waste part after part...

One thing I always felt was an issue was the lack of any kind of simulator or ICE for the PICs that I could afford. That's why I changed over to the Z8+.

Mike

-----  
Date: Mon, 3 Feb 2003 14:10:04 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: Mark Schoonover <schoon@amgt.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [145701] Re: 817 SWR vs Outboard SWR Meter Weirdness  
Message-ID: <Pine.LNX.4.44.0302031403160.2143-100000@bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Mark, I have a similar set up with an 817 to a MFJ Delux Versa Tuner 2 to a 88 foot inverted vee. With the tuner set for low power I find the cross needle SWR meter to be more sensitive than the FT-817 SWR meter. My experience is the 817 SWR reading goes to no bars more quickly than the MFJ meter, so I touch up the setting with that meter. I use that setting for Fox hunting and when I am the Fox.

Also, I set the tuner with the 817 in the AM mode, which is about 2 watts.

On Mon, 3 Feb 2003, Mark Schoonover wrote:

> Thanks for reading. While trying to blow my finals this weekend, I  
> discovered this weird configuration between my 817 and my tuner. Here's my  
> setup - 817 into MFJ 969 tuner, about 30' RG-213 coax feeding a W2DU current  
> balun attached to an 88' doublet with about 45' of ladder line, all at about  
> 40'.

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Mon, 3 Feb 2003 16:22:01 -5  
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>  
To: qrp-l@Lehigh.EDU, GQRP@yahoogroups.com  
Subject: [145702] Update and Final Call - EMRFD  
Message-ID: <200302032121.h13LLKTL021180@hagus.bright.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

I just got an e-mail from ARRL. The new book "Experimental Methods in RF Design" is on the truck headed from the printer to ARRL. I am not sure where it was printed, but it should arrive at ARRL in a few days. That is the point where I have to finalize my order with ARRL. If you want a copy, or any other ARRL book/CD, be sure to let me know in the next few days so I can include it on that order. I am well past the 100 orders I needed, so it is free shipping and 5% off.

73 - Bill - N8ET  
Kanga US  
kanga@bright.net  
<http://www.bright.net/~kanga/>  
419-423-4604

-----  
Date: Mon, 3 Feb 2003 16:38:05 -0500  
From: "Tom" <kf4yyd@adelphia.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [145703] SWR/Power meter recommendations  
Message-ID: <EIEBLEILGEEGMLHGH0AGEEBFCDA.kf4yyd@adelphia.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello,

From the responses I have been getting concerning my last post, Re: ZM-2 or SW-40+ trouble, it has become apparent I need to purchase an SWR/Power meter. I was all set to order an OHR WM-2 before I head out to work tonight but looking at the website I see it only measures fwd/ref power. Before I spend the money is there any recommendations from the group on a good QRP dual SWR/Power meter in the same or even cheaper price range?

Tom kf4yyd  
Fredericksburg, VA

-----  
Date: Mon, 3 Feb 2003 16:52:24 -0500  
From: "Howard Kraus" <K2UD@adelphia.net>  
To: <schoon@amgt.com>  
Cc: <qrp-1@Lehigh.EDU>  
Subject: [145704] Re: Help With Severe BCB Interference  
Message-ID: <00b701c2cbce\$897bf920\$35623018@buf.adelphia.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Mark,

Try this one also. The classic ARRL broadcast trap filter. It is many editions of the Handbook, 1973 (p. 262) is one of them. Using 5 inductors, and 6 capacitors, it is the same filter featured in a solid-state regen receiver I built last year. The original article called for the inductors to be wound on toroids, the regen article used axial-lead RF chokes of the same value. My regen used modern axial-lead chokes, and the results are phenomenal: I receive absolutely NO AM BCI. In fact, if I wish to receive AM on this receiver (can't, I didn't wind coils for the BC band), I'd have to bypass the filter. What other regen design can do that? The filter, as well as the rest of the regen circuit is mounted in the open on an aluminum chassis, that is, it is still prone to AM ingress. The filter eliminates it completely, and trust me, I've got at least a few flamethrowers nearby (Buffalo ex-pats note: WKBW 1520 just went back to its original rock format with some of its original jocks!).

Think of how it would perform with self-shielding toroids in place of the "open" chokes I used? If you don't have the schematic, let me know. This thing really works!

72

Howard Kraus, K2UD  
----- Original Message -----  
From: "Mark Schoonover" <schoon@amgt.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Monday, February 03, 2003 3:15 PM  
Subject: Help With Severe BCB Interference

> Thanks for reading! I'm sure I'm suffering from pretty severe BCB  
> interference. I have not 1, or 2 but THREE AM stations within 2 miles of  
my  
> house!! The first one is about 1/2 mile from my antenna broadcasting on

> 760Khz with about 5 KW during the day, and less than 1KW at night. The next  
> closest transmitter is about 1.5 miles away on 1170, with the final - but  
> most powerful on 600Khz - about 2 miles as the crow flies. I'm going to  
> build a temp filter from here [www.dxing.com/tnotes/tnote06.pdf](http://www.dxing.com/tnotes/tnote06.pdf) , to see how  
> well it works. If it works, and I'm pretty sure it will, what do I need to  
> do to leave it inline while transmitting?? I've thought of an RF TR switch  
> as one possible option, the other is to use 'beefy' parts and not use the TR  
> switch?? This filter needs to handle a 100 watt rig.  
>  
> Thanks! & 73  
>  
> .mark  
>  
> Microsoft Quote:  
>  
> "Failure is not on option. It comes bundled with the software."  
>

-----  
Date: Mon, 3 Feb 2003 16:10:52 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: <ThomasPalmer@colliergov.net>,  
    "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [145705] Re: fox qso  
Message-ID: <000d01c2cbd1\$1f21afe0\$0201a8c0@fairviewtx.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----  
From: "palmer\_t" <ThomasPalmer@colliergov.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Monday, February 03, 2003 12:58 PM  
Subject: Re: fox qso

> In my opinion, the following works best:  
>  
> FOX transmits the Hound's call sign at the start AND at the end of  
the FOX's  
> transmission.

Gotta do it! <:}

> The Hound transmits his call sign at the start AND at the end of the Hound's  
> reply.

I always sign at the end before the "BK" but I think I'll start signing also at the beginning.

>

> Using this procedure the Hound can ALMOST always be sure that the FOX has

> the respective Hound in the FOX's log.

Except that there is no assurance that the Fox actually copied the Hound's exchange or that he copied \*that\* Hounds exchange in the event of more than one response through error. I agree your approach lessens the liklihood of a callsign mixup, though.

However, if the Hound is not

> certain, sometimes, before the pack starts calling again, the Hound can

> instantly send his call followed by a question mark. Such as, in my case:

> "N1TP?" If the FOX hears this last second "to confirm" transmission from

> the Hound who is already in the log, the FOX can reply with "N1TP, Yes" or

> something similar. This takes but a few seconds, and the Hound knows he's

> "in the log." No need to fret about: "Am I in the Log?" or to risk a

> "dupe."

Great - if there is time to do it. But what if everyone wanted this insurance that they were in the log and hopped in during that split second after the Fox says QRZ or whatever and the pack starts baying. Somehow I get this feeling that the Fox is going to move that dial almost instantly after his "QRZ" and that combined with the onset of the baying pack will pretty well kill any chance of his hearing your enquiry.

As I see it, the Hound will \*never\* be certain who the Fox is acking unless he hears his callsign in the ack. We work on faith and coincidence now, and it works 99% of the time, so this whole discussion and bandwidth is probably a waste. I would hate to think, though, that the only way I know whether I am in the log is to break back into the Hunt to ask. I agree that it is smoother all the way

around to just work him again - if you can before the propagation goes away, even in Texas! But even that just adds confusion and competition to those who haven't worked him yet . . .

>

> This procedure will not work, however, if the pack of Hounds has started

> calling the FOX before the Hound can follow up at the last instant with the

> confirmation "[call?]" transmission.

And you know that they do and always will. The shortest observable instant of time is that between the Fox's QRZ or whatever and the start of the baying of the pack! <:}

In this event, it's best to risk a

> "dupe." If a Hound who is already in the FOX's log calls the FOX again, the

> FOX remembers the prior QSO and can immediately send "dupe" - to save time.

> If a Hound who is already in the FOX's log calls again, but the FOX does not

> remember the former QSO, then there's a "dupe." A "dupe is seldom a big

> deal because often there are times later in the hunt where a "dupe" does not

> even deprive another Hound from bagging a pelt. It's better to "dupe" then

> to "be sorry."

We are not in much disagreement, Tom, but it just seems to me to save a lot of futzing around and duping and calling to confirm, etc. for the Foxii just to stick the call in the ack before moving to the next Hound. Clearly this is added work for the Foxii since unless they are using computer keying, etc. the calls have to be keyed in manually. So, I can understand the reluctance of most Foxii to look upon this idea with much favor.

Well, as I first suggested a couple of years back to end the Fox's exchange with the Hound's call, maybe this idea will catch on, too.

Change of subject: I mentioned that I would give you the aggregate age of the NE-TX Tornados to confirm the "old codger" label. Turns out the five of us are 339 years old collectively for an average age of 67.8 years. Oldest is 78 - youngest is 59.

Thanks for your thoughts, Tom and good luck Thursday evening!

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas  
In the 57th year and it just keeps getting better!  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe  
K2 #489 IC-765 #2349 IC-756 PRO #2121 IC-756 PRO2 #3235  
>

-----  
Date: Mon, 3 Feb 2003 16:19:26 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: <llachow@yahoo.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [145706] Re: fox qso  
Message-ID: <001501c2cbd2\$555ca1e0\$0201a8c0@fairviewtx.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Wow! Lloyd, does that guarantee me a pelt next time you are the Fox?  
<:}

Seriously, I really appreciate those kind words - they mean a great deal to me. If only a few of the people that hear or work me think that way, then my goals in amateur radio have been met and exceeded.

Thank you, sir!

As I have often told new hams who wonder how they will be accepted when they "get on the air", all that the guy on the receiving end knows about you is (a) what your signal sounds like; (b) how good or bad your keying or modulation is; (c) how you behave yourself; and (d) what you say on the air. Your image is completely in your own hands.

73/72, George  
Amateur Radio W5YR - the Yellow Rose of Texas  
In the 57th year and it just keeps getting better!  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe  
K2 #489 IC-765 #2349 IC-756 PRO #2121 IC-756 PRO2 #3235

----- Original Message -----  
From: "Lloyd Lachow" <llachow@yahoo.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Monday, February 03, 2003 1:24 PM  
Subject: Re: fox qso

> George, W5YR (w5yr@att.net)wrote,  
>  
> "...there is no way that I could begin to do the  
> operating that the Fox does and does so well."  
>  
> What a bunch of malarkey!  
>  
> George, you could operate rings around most of us,  
> while fiddling with your hearing aid batteries, and  
> you know it! You are always right there, with the best  
> QRP sigs on the band, and the most polite, clean and  
> efficient operating practices, whatever the event.  
>  
>  
> So there.

-----  
Date: Mon, 3 Feb 2003 16:17:37 -0600  
From: Mark Fields <mark\_ke5my@juno.com>  
To: SUpton@ALLEGROMICRO.com  
Cc: qrp-1@lehigh.edu  
Subject: [145707] Re: Gooley gray pudding reactance calculator  
Message-ID: <20030203.164037.-212117.1.mark\_ke5my@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Wal-Mart carries the Casio fx-260  
calculator for only \$8.76. It's powered  
completely by available light--no batteries  
to go dead at the wrong moment. You can  
also carry it safely in your pocket thanks  
to its hard front cover. That's what I  
recommend.

73, Mark, KE5MY

-----  
Sign Up for Juno Platinum Internet Access Today  
Only \$9.95 per month!  
Visit [www.juno.com](http://www.juno.com)  
-----



Date: Mon, 3 Feb 2003 15:27:32 -0800  
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>  
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>  
Subject: [145708] Pomona Box Needed  
Message-ID: <6506849CAEBBE24E913A22806016E4060150285A@blaze.bcsc.gov.bc.ca>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"

Does anyone have one of those Pomona boxes that is surplus to your needs? I require one about 1 inch by 2 inches with BNC's installed to construct an absorptive bridge for my Rock-Mite. New ones are far too pricey.

Doug VA7DD

-----  
End of QRP-L Digest 2820

\*\*\*\*\*  
-----